IS IT NEW OR IS IT ECOMOD? (IT’S BOTH.)

CHOOSE THE PROVEN STANDARD IN ESCALATOR MODERNIZATION AND GET MORE.

KONE EcoMod®
Are age-related escalator issues causing increased downtime, safety concerns, or rider complaints? Modernize with KONE EcoMod, the award-winning solution that’s built stronger to last longer. KONE EcoMod is designed to be used in more trusses than any competitor – and has been deployed in more successful installations than all major competitors combined. KONE offers the best value, because KONE EcoMod gives you more:

<table>
<thead>
<tr>
<th>KONE GIVES YOU MORE</th>
<th>WHY IT MATTERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>More durable materials, built to higher standards</td>
<td>Increases escalator reliability</td>
</tr>
<tr>
<td>More safety</td>
<td>Exceeds requirements, decreases maintenance</td>
</tr>
<tr>
<td>More attention to detail, such as stainless steel front plates</td>
<td>Improves aesthetics</td>
</tr>
<tr>
<td>More experienced KONE EcoMod installation crews and project managers</td>
<td>Creates turn-key solution</td>
</tr>
<tr>
<td>More cost-effective, modular installation</td>
<td>Reduces time, disruption over full replacement</td>
</tr>
<tr>
<td>More innovation, like standby mode and KONE 24/7 Connected Services</td>
<td>Delivers energy savings, reduces downtime</td>
</tr>
<tr>
<td>More standard features than any other competitor</td>
<td>Makes KONE EcoMod the best choice in modernization</td>
</tr>
</tbody>
</table>

Contact your KONE EcoMod representative for more information on this innovative solution. We have the experience to create a plan that’s right for your organization.

Comparisons based on external resources, unless otherwise noted.
THE MOST AWARDED COMPANY
KONE HAS RECEIVED MORE AWARDS IN MORE CATEGORIES THAN ANY OTHER ELEVATOR/ESCALATOR COMPANY.

Named by Forbes as one of the most innovative companies in the world 2010-2016, 2018


Innovation Award for KONE UltraRope from Council on Tall Buildings and Urban Habitat 2013

2013 GOOD DESIGN Awards: Design Offering, Functional Elevator Signalization, Car Design 2013

 Ranked in Newsweek’s list of world’s greenest companies 2014

Received iF Product Design Awards 2014, 2015

Consistently received Elevator World’s “Project of the Year” award 2005-2009, 2011-2019

 Recognized by Carbon Disclosure Project as a top climate change performer, with an A-score 2017, 2018

Ranked among the world’s most sustainable companies by Corporate Knight 2017, 2018

Named by Forbes as one of the best employers in the world 2017, 2018

Received Certificate of Conformance from BACnet 2018

KONE provides innovative and eco-efficient solutions for elevators, escalators and the systems that integrate them with today’s intelligent buildings.

We support our customers every step of the way: from design, manufacturing and installation to maintenance and modernization. KONE is a global leader in helping our customers manage the smooth flow of people and goods throughout their buildings.

Our commitment to customers is present in all KONE solutions. This makes us a reliable partner throughout the life cycle of the building. We challenge the conventional wisdom of the industry. We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations as KONE MonoSpace®, KONE EcoMod®, and KONE UltraRope®.

KONE employs over 55,000 dedicated professionals to serve you globally and locally.
KONE EcoMod COMPONENTS
MORE DURABLE, INNOVATIVE COMPONENTS – KONE ECOMOD, BETTER THAN NEW

KONE EcoMod®
KONE offers the best value, because KONE EcoMod gives you more every step of the way. As the industry leader in innovation, we have developed many important advancements. Every component has been thoughtfully designed and selected, including many APTA-compliant features, to provide greater durability and reliability, and to exceed safety code requirements.

### APTA-Compliant Components

APTA, the American Public Transportation Association, sets compliance standards for safe, efficient, economical transit-grade escalators. These and other heavier-gauge, APTA-compliant components are standard. Robust component design may also make higher step loads possible.

- **Thicker 1/2” Glass Balustrade**
- **Thicker 11 Gauge Skirts**
- **Thicker 14 Gauge Deck Panels**
- **Thicker 3 mm Step Track**

### GEARED DIRECT DRIVE SYSTEM

<table>
<thead>
<tr>
<th>K</th>
<th>✓</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eliminates main drive and handrail drive chains, the primary source of breakdowns, reducing maintenance downtime and costs</td>
<td></td>
</tr>
<tr>
<td>Achieves 96% efficiency (vs 85% in competitors’ drives)</td>
<td></td>
</tr>
<tr>
<td>Location inside step band maximizes space for flat steps, a best practice in safety</td>
<td></td>
</tr>
<tr>
<td>Increases passenger safety by synchronizing handrail and step movement</td>
<td></td>
</tr>
<tr>
<td>Uses synthetic oil, for fewer oil changes, reduced downtime</td>
<td></td>
</tr>
</tbody>
</table>

### LUBE-FREE STEP CHAIN

<table>
<thead>
<tr>
<th>✓</th>
<th>✓</th>
</tr>
</thead>
<tbody>
<tr>
<td>Works in tandem with Geared Direct Drive to help reduce oil consumption by 97%</td>
<td></td>
</tr>
<tr>
<td>Significantly reduces clean-down time and costs</td>
<td></td>
</tr>
</tbody>
</table>

### FREE-FLOATING STEP GUIDANCE SYSTEM

<table>
<thead>
<tr>
<th>K</th>
<th>✓</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unique, positive-type system is designed to maintain tight tolerances throughout escalator’s incline</td>
<td></td>
</tr>
<tr>
<td>Individually-controlled steps aligned with a more rigid skirt help prevent entrapment, improve passenger safety</td>
<td></td>
</tr>
</tbody>
</table>

### PERMANENT MAGNET CERAMIC BRAKE

<table>
<thead>
<tr>
<th>K</th>
<th>✓</th>
</tr>
</thead>
<tbody>
<tr>
<td>Offers smoother, safer, more controlled emergency braking</td>
<td></td>
</tr>
</tbody>
</table>

### STAINLESS STEEL FRONT PLATE

<table>
<thead>
<tr>
<th>✓</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provides longer life, higher aesthetic value vs plastic</td>
</tr>
</tbody>
</table>

### V-GROOVE HANDRAIL

<table>
<thead>
<tr>
<th>✓</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Offers superior traction for higher-usage environments</td>
<td></td>
</tr>
<tr>
<td>More robust design increases handrail life cycle</td>
<td></td>
</tr>
</tbody>
</table>

KEY: **Exclusive** K for KONE / APTA A  
**Standard Equipment** ✓ / EcoFriendly ○

Contact your KONE EcoMod representative to learn how KONE’s standard components deliver more value than any of our competitors.
Complement your building’s aesthetics, add optional features to further enhance functionality, or add a service package to our pre-installed KONE 24/7 Connected Services. All accessories are designed specifically for KONE EcoMod, and many features are constructed to meet heavy-duty APTA* standards.

**KONE 24/7 CONNECTED SERVICES CAPABILITY**
State-of-the-art diagnostic technology and round-the-clock monitoring predict problems before they happen. Ask your KONE representative for more information or about subscription pricing options to enable this built-in feature.

**STAND-BY OPERATION**
- Smaller standby inverter than competitor models occupies less space
- Regenerative design allows energy to be returned to the building’s power grid
- Exceeds IECC standards
- Yields 20-40% energy savings*

Ask your KONE representative if this feature is appropriate for your application.

**LED LIGHTING OPTIONS**
Take a brighter approach to safety and good looks with energy-efficient LED lighting options for combs and skirts, along with other special LED features, each at additional cost.

- **Wifi-Controlled LED Lighting**
  - Multicolor, wifi-controlled under handrail lighting

- **LED Comb Light**
  - Designed to draw attention to combs

- **LED Skirt Spot Lighting**
  - Additional lighting increases rider safety

- **LED Traffic Sign**
  - Visually displays current escalator direction

- **Diagnostic Display**
  - Convenience feature for maintenance personnel

*Savings vary from job to job.
**CHOSE YOUR OPTIONS FOR THESE FEATURES, ALL STANDARD WITH KONE ECOMOD**

**THICKER, STRONGER, BUILT TO LAST LONGER**

- **Brushed satin 14-gauge stainless steel decking**
- **Thicker 11-gauge skirt more rigid to minimize deflection**
- **V-groove handrail offers superior traction, increased life cycle**
- **Stainless steel front plates provide longer life, higher aesthetic value vs plastic**

→ Our standard 1/2" glass balustrade is 33% thicker than competitor models**

Many features are constructed to meet heavy-duty APTA* standards

**MORE AESTHETIC CHOICES**

- **Skirt**
  - Brushed satin stainless steel skirt with clear anti-friction coating
  - Sheet steel skirt with black antifriction coating
- **Step Colors**
  - Silver-color aluminum
  - Black-color aluminum with silver-color ribs
- **Balustrade**
  - Clear 1/2" glass balustrade panels
  - Stainless steel panels
- **Skirt Brush Holder**
  - Black-coated anodized aluminum
  - Clear-coated anodized aluminum

**GET MORE SAFETY WITH KONE ECOMOD**

Attention to safety, quality, detail, all included.

- **Skirt Brush®**
  - Provides an extra measure of safety beyond code requirements
- **Step Demarcation®**
  - Yellow plastic insert is more durable, more easily redone than paint
- **Demarcation Lighting®**
  - Highlights steps for safer, easier transport

**KEY:**
- APTA / EcoFriendly
- Standard Equipment

*APTA, the American Public Transportation Association, sets compliance standards for safe, efficient, economical transit-grade escalators. Incorporating APTA-compliant components into KONE EcoMod increases escalator durability and reliability.
KONE 24/7 CONNECTED SERVICES

Smart equipment
Predict problems before they happen.

24/7 monitoring
Elevators and escalators are always on duty—and so are we.

Transparency
See what your maintenance crew sees.
KONE KNOWS YOU DON’T NEED MAINTENANCE SURPRISES

The old “break. fix. repeat.” maintenance model is flawed. You’ve told us you’re frustrated with unexpected breakdowns, time-consuming and costly repairs – and the uncertainty of if and when problems may resurface.

KONE 24/7 Connected Services with IBM Watson changes all of that. State-of-the-art diagnostic technology and round-the-clock monitoring can help save you time and money by predicting problems before they happen, while an intuitive KONE Online dashboard keeps you up-to-date on the status of your equipment.

How it works

- KONE-installed instruments monitor key parameters
- IBM Watson IoT technology helps analyze needs and helps predict faults.
- Your technician gets instant notifications
- You stay up-to-date with KONE Online
- For immediate needs, you get fast, on-demand service.
- For non-urgent needs, your tech provides scheduled maintenance

Predictive maintenance means less downtime and fewer breakdowns.

KONE 24/7 Connected Services isn’t just smart – it keeps getting smarter.

See how predictive technology can prevent breakdowns before they happen @ KONE.us/connected, or call us at 877-276-8691.